

CLASS SPECIFICATION
County of Fairfax, Virginia

CLASS CODE: 5366 TITLE: ENGINEERING INSPECTOR GRADE: S-17

DEFINITION: Under supervision, performs standardized field inspections of average difficulty involving construction inspections of public improvements and provides routine field assistance to higher level inspectors; and to do related work as required.

DISTINGUISHING CHARACTERISTICS OF THE CLASS:

This is the entry class for Engineering Inspectors. Work is performed under close supervision with specific guidelines and instructions during the initial learning period. After an initial learning period, routine duties are performed under general supervision. An incumbent in this class receives on-the-job training for at least one year, during which he/she is expected to acquire the knowledge, skills and abilities of a journey-level Senior Engineering Inspector. After a minimum of one year, if the incumbent demonstrates journey-level knowledge, skills and abilities, he/she can progress noncompetitively to the Senior Engineering Inspector level.

ILLUSTRATIVE DUTIES:

Inspects a large variety of sanitary and storm drainage construction projects, many built using reinforced concrete;
Inspects slope and grade of ground around projects as contractors build;
Inspects curbs and gutters, sidewalks, sub-base and base, asphalt, storm sewers and paved ditches within the street right-of-way;
Checks installations of water, gas, telephone, and electricity for compliance with the permits;
Reports on the completion of new water lines and hydrants;
Inspects sewer installations for proper grade and alignment, proper placement of cradle and encasement for pipe, and use of proper materials;
Measures the size rock materials used on County projects;
Tests lines for infiltration;
Records daily activities.
Identifies code violations to supervisors and completes necessary notices to contractor, citing the appropriate reference from the code;

REQUIRED KNOWLEDGE, SKILLS, AND ABILITIES:

Knowledge of the methods and materials used in paving streets and in laying sewer pipe;
Knowledge of surveying;
Ability to read and interpret construction plans and specifications;
Ability to keep records and make simple drawings and reports;
Ability to develop and maintain courteous and effective relationships with contractors and the general public.

EMPLOYMENT STANDARDS:

Any combination of education, experience, and training equivalent to:
High school graduation or possession of a G.E.D. issued by a state department of education;

PLUS

Two years of experience as a construction inspector, or as a foreman supervising public improvements.

CERTIFICATES AND LICENSES REQUIRED:

Possession of a valid Motor Vehicle Driver's License is required for some positions in this class.